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**Montana Comprehensive Assessment System
(MontCAS)**

**Math Vocabulary Lists
Spring 2008 MontCAS Criterion-Referenced Test**

The following lists provide expected math vocabulary for grades 3-8 and 10 for the 2007-2008 administration of the math Criterion-Referenced Test (CRT). Any vocabulary word on a prior grade-level list may appear on later grade CRTs. The lists are by grade.

Grade 3

angle	month
area	number sentence
bar graph	odd
base-ten blocks	ounce
centimeter	parallelogram
centimeter ruler	pattern
certain	perimeter
circle	pint
cone	pound
congruent	pyramid
cube	quart
cup	rectangle
cylinder	rhombus
day	right angle
digit	scale
edge	side
equivalent	sphere
even	square
face	symmetry
feet	tenths
gallon	thermometer
geoboard	title
gram	trapezoid
hour	triangle
impossible	unlikely
inch	vertex
kilogram	very likely
kite	week
liter	yard
meter	yard stick
minute	

Grade 4

array	second
cubic units	slide
estimate	square units
expression	tally chart
fact family	tangram
factor	tree diagram
flip	ton
grid	total
hexagon	turn
hundredths	volume
intersecting	
key	
kilometer	
labels	
least likely	
line	
line segment	
mile	
milliliter	
millimeter	
most likely	
multiple	
octagon	
ordered pair	
organized list	
parallel	
pattern	
pentagon	
perpendicular	
pictograph	
polygon	
prism	
product	

Grade 5

acute
comparison questions
composite
compute
conclusion
constant rate
coordinates
coordinate grid
equation
equilateral
fraction cards
input/output
interval
isosceles
line graph
line plot
mean (average)
median
mode
net

obtuse
place value
plotted
point
prime
quadrilateral
randomly
range
ray
reflection (flip)
rotation (turn)
scalene
term
thousandths
three-dimensional
transformation
translated
translation (slide)
trend
triangular prism

Grade 6

associative property
circle graph
circumference
clockwise
commutative property
counterclockwise
diameter
distributive property
formula
histogram
horizontal axis
improper fraction
proper fraction
quotient
stem-and-leaf plot
symbol for approximate is \approx
vertical axis
vertices

Grade 7

box-and-whisker plot
data
difference (of two values)
dimensions
doubling
image (in a transformation)
least common multiple
mass
miles per gallon
opposite corner of a figure
powers (exponents)
probability
profit
ramp incline
random sample
regular polygon
savings account
scale on a graph
sector
similar (mathematically similar)
solution
speed
survey
tip (left with payment for a bill)

Grade 8

altitude (of a triangle)
central angle
commission
cost per unit
degrees (Fahrenheit and Celsius)
diagonal (of a polygon)
equally likely (events)
equation of a line
formula
intercepts: x -intercept; y -intercept
linear relationship
line of best fit (on a scatter plot)
midpoint
number sequence
origin (on a coordinate grid)
percent
prime factorization
proportion
quadrant (on a coordinate grid)
quartile
radius
rule for a pattern
scatter plot
simplify an expression
value of an expression

Grade 10

adjacent angles
arc
complementary angles
counterexample
correlate
dilation
equiangular
function
integers
irrational numbers
natural numbers
plane
rational numbers
real numbers
semicircle
slope
supplementary angles
system of equations
system of inequalities
transversal
whole numbers